

In the Claims:

Please amend the claims as follows:

1-14 (cancelled)

15. (previously amended) The control system according to claim 23, wherein each drive unit comprises one or more drives.

16-22 (cancelled)

23. (currently amended) A control system for controlling the movements of at least two manipulators, the control system comprising:

a main computer module configured to execute programs with instructions for movements of the at least two manipulators, to plan movement paths of the at least two manipulators, and to generate orders for the at least two manipulators based on the movement paths, the main computer module comprising a casing surrounding the main computer module, the main computer module further comprising a power supply configured to supply power to the main computer module; and

a drive module for each of the at least two manipulators, each drive module being physically separate drive modules from each other and from the main computer module, each drive module comprising

a drive unit that controls motors driving the movements of one of the at least two

manipulators,
a casing surrounding the drive module,
a power supply configured to supply power to the drive module and supply power
to and control movements of one of the at least two manipulators, and
an axis computer configured to provide control signals to the drive unit based on
the orders received from the main computer module, and
a communication network operatively connecting ~~wherein~~ the main computer module is
~~adapted to communicate with~~ and the drive modules.

24. (currently amended) The control system according to claim 23, wherein the ~~main~~
~~computer module is adapted to communicate with the drive modules via~~ communication network
comprises an Ethernet link.

25. (cancelled)

26. (previously presented) The control system according to claim 23, further
comprising:

a transformer module comprising a transformer, a casing surrounding the transformer
module and a power supply.

27. (previously presented) The control system according to claim 23, further
comprising:

a control module comprising a control panel of the control system, a casing surrounding

the control module, and a power supply.

28. (currently amended) A method for controlling at least two manipulators with a control system, the method comprising:

planning with a main computer module movement paths of at least two manipulators;

generating with the main computer module orders for the at least two manipulators based on the movement paths;

transmitting with the main computer module the orders for the at least two manipulators to at least two ~~physically separate~~ drive modules physically separate from each other and from the main computer module;

providing with ~~an axis computers~~ computer included in each of the at least two physically separate drive modules control signals to the drive unit based on the orders received from the main computer module; and

driving and supplying power to motors of each of the at least two manipulators with a drive ~~units~~ unit included in each of the at least two physically separate drive modules ~~motors~~ driving to drive the movements of the at least two manipulators.